

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,082,159 B2
APPLICATION NO. : 09/995759
DATED : July 25, 2006
INVENTOR(S) : Larsson

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (56), under "U.S. PATENT DOCUMENTS", in Column 1, Line 7, delete "B1" and insert -- B2 --, therefor.

On the Title Page, Item (57), under "Abstract", in Column 2, Lines 12-13, after "being" delete "p(n) is cyclically rotated by a predetermined step, said predetermined step being".

In Column 1, Line 15, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 1, Line 32, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 2, Line 3, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 2, Line 10, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 2, Line 13, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 4, Line 39, after "Chicago" delete "Ill" and insert -- IL --, therefor.

In Column 6, Line 22, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 6, Line 33, delete "space(-time)" and insert -- space-time --, therefor.

In Column 6, Line 38, after "increase" delete "bandwith" and insert -- bandwidth --, therefor.

In Column 6, Line 44, after "very" delete "bandwith" and insert -- bandwidth --, therefor.

In Column 6, Line 65, delete "bandwith" and insert -- bandwidth --, therefor.

In Column 7, Line 11, after "sequence" delete "P(K)" and insert -- P(k) --, therefor.

In Column 9, Line 6, delete "(DIA)" and insert -- (D/A) --, therefor.

In Column 9, Line 7, delete "analogue" and insert -- analog --, therefor.

In Column 9, Line 17, after " $r_1(n)=p(n)*h_{11}(n)+p(n-n')*h_{21}(n)+v_1(n)$ " insert --, where --.

In Column 9, Line 30, delete "K" and insert -- k --, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,082,159 B2
APPLICATION NO. : 09/995759
DATED : July 25, 2006
INVENTOR(S) : Larsson

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 12, Lines 7-8, delete " $H_{comp}(n)=h_{11}(n-n')+h_{21}(n-n_2')+h_{31}(n-n_3')+h_{41}(n-n-n')+w_1(n)$ " and insert -- $H_{comp}(n)=h_{11}(n-n')+h_{21}(n-n_2')+h_{31}(n-n_3')+h_{41}(n-n_4')+w_1(n)$ --, therefor.

In Column 12, Lines 12-13, delete "durat" and insert -- duration. --, therefor.

In Column 12, Line 12, delete "duration" and insert -- duration. --, therefor.

In Column 12, Line 60, delete "(OP)" and insert -- (CP) --, therefor.

In Column 13, Line 19, after "arrives" insert -- , --.

In Column 13, Line 29, delete "(k)." and insert -- (k), --, therefor.

In Column 15, Line 10, in Claim 14, after "antennas" insert -- : --.

In Column 15, Line 19, in Claim 14, after "branch" insert -- , --.

In Column 15, Line 24, in Claim 14, delete " $p(n-n\ 2)$ " and insert -- $p(n-n_2)$ --, therefor.

In Column 15, Line 26, in Claim 14, delete "n1)." and insert -- n_1), --, therefor.

In Column 15, Line 26, in Claim 14, delete " $p(n-n\ 2)$ " and insert -- $p(n-n_2)$ --, therefor.

In Column 15, Line 48, in Claim 18, delete "P(k):" and insert -- $P(k)$; --, therefor.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,082,159 B2
APPLICATION NO. : 09/995759
DATED : July 25, 2006
INVENTOR(S) : Larsson

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 16, Line 49, in Claim 26, delete "claim 2" and insert -- claim 22 --, therefor.

Signed and Sealed this

Eleventh Day of December, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office